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| APPLICATION NUMBER | FILING OR 371 (c) DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|------------------------|-----------------------|------------------------|
| 10/812,856         | 03/30/2004             | Yuichiro Nishina      | 291597-00001           |

CONFIRMATION NO. 3455

003705  
 ECKERT SEAMANS CHERIN & MELLOTT  
 600 GRANT STREET  
 44TH FLOOR  
 PITTSBURGH, PA 15219

## FORMALITIES LETTER



\*OC000000012910606\*

Date Mailed: 06/14/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 385 to complete the basic filing fee for a small entity.*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**Total additional fee(s) required for this application is **\$450** for a Small Entity

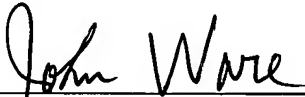
- **\$385** Statutory basic filing fee.
- **\$65** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts

08/19/2004 YPOLITE1 00000056 022556 10812856 Commissioner for Patents  
 01 FC:2001 385.00 DA P.O. Box 1450  
 02 FC:2051 65.00 DA Alexandria VA 22313-1450

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*A copy of this notice MUST be returned with the reply.*



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Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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|  |                        |                  |
|--|------------------------|------------------|
| <b>TRANSMITTAL FORM</b><br><i>(to be used for all correspondence after initial filing)</i> | Application Number     | 10/812,856       |
|  | Filing Date            | 03/30/2004       |
|  | First Named Inventor   | Yuichiro Nishina |
|  | Group Art Unit         |                  |
|  | Examiner Name          |                  |
| Total Number of Pages in This Submission   | Attorney Docket Number | 291597-00001     |

| ENCLOSURES (check all that apply)   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment / Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input checked="" type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application<br><input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)<br><input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>Declaration<br>Power of Attorney<br>Return Postcard |
| Remarks   |   |  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |
|--|---|
| Firm or Individual name                    | Arnold B. Silverman<br>Eckert Seamans Cherin & Mellott, LLC |
| Signature                                  |   |
| Date                                       | August 17, 2004   |

| CERTIFICATE OF MAILING   |                     |      |                 |
|--|---------------------|------|-----------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: August 17, 2004 |                     |      |                 |
| Typed or printed name  | Arnold B. Silverman |      |                 |
| Signature  |                     | Date | August 17, 2004 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :  
YUICHIRO NISHINA : FABRICATION OF QUARTZ-CLAD  
Serial No. 10/812,856 : CARBON NANOTUBE BUNDLES  
Filed March 30, 2004 : Attorney Docket No. 291597-00001

**RESPONSE TO NOTICE TO FILE MISSING PARTS**  
**OF NONPROVISIONAL APPLICATION**  
**Filed Under 37 CFR 1.53(b)**

Eckert Seamans Cherin & Mellott, LLC  
600 Grant Street, 44th Floor  
Pittsburgh, PA 15219  
August 17, 2004

MAIL STOP MISSING PARTS  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the enclosed NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION dated June 14, 2004, enclosed are the executed Declaration and Power of Attorney forms for filing in the captioned application. Also enclosed is a One-Month Extension of Time which will extend the period for this response until September 14, 2004.

**Please charge the undersigned Attorney's Deposit Account No. 02-2556 in the amount of \$505.00 (\$385.00 to cover the application filing fee, \$65 for the late oath or declaration surcharge, and \$55 for the One-Month Extension of Time). Please charge any underpayment or credit any overpayment to Deposit Account No. 02-2556.** Duplicate copies of the fee transmittal sheets are enclosed.

Please date stamp and return the enclosed postcard in order to acknowledge receipt of these documents.

Respectfully submitted,

Arnold B. Silverman  
Registration No. 22,614  
Attorney for Applicant

(412) 566-2077

AUG 19 2004

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 505.00

## Complete if Known

Application Number 10/812,856  
Filing Date 03/30/2004  
First Named Inventor Yuichiro Nishina  
Examiner Name  
Art Unit  
Attorney Docket No. 291597-00001

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 02-2556

Deposit Account Name Eckert Seamans

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description        | Fee Paid   |
|----------------------------|----------------------------|------------------------|------------|
| 1001 770                   | 2001 385                   | Utility filing fee     | 385.00     |
| 1002 340                   | 2002 170                   | Design filing fee      |            |
| 1003 530                   | 2003 265                   | Plant filing fee       |            |
| 1004 770                   | 2004 385                   | Reissue filing fee     |            |
| 1005 160                   | 2005 80                    | Provisional filing fee |            |
| SUBTOTAL (1)               |                            |                        | (\$ 385.00 |

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Independent        | -20** =      | X              |          |
| Multiple Dependent | -3** =       | X              |          |

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  | Fee Paid   |
|----------------------------|----------------------------|--|------------|
| 1202 18                    | 2202 9                     | Claims in excess of 20                                     |            |
| 1201 86                    | 2201 43                    | Independent claims in excess of 3                          |            |
| 1203 290                   | 2203 145                   | Multiple dependent claim, if not paid                      |            |
| 1204 86                    | 2204 43                    | ** Reissue independent claims over original patent         |            |
| 1205 18                    | 2205 9                     | ** Reissue claims in excess of 20 and over original patent |            |
| SUBTOTAL (2)               |                            |  | (\$ 385.00 |

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  | Fee Paid |
|----------------------------|----------------------------|--|----------|
| 1051 130                   | 2051 65                    | Surcharge - late filing fee or oath  | 65.00    |
| 1052 50                    | 2052 25                    | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053 130                   | 1053 130                   | Non-English specification  |          |
| 1812 2,520                 | 1812 2,520                 | For filing a request for ex parte reexamination                            |          |
| 1804 920*                  | 1804 920*                  | Requesting publication of SIR prior to Examiner action                     |          |
| 1805 1,840*                | 1805 1,840*                | Requesting publication of SIR after Examiner action                        |          |
| 1251 110                   | 2251 55                    | Extension for reply within first month                                     | 55.00    |
| 1252 420                   | 2252 210                   | Extension for reply within second month                                    |          |
| 1253 950                   | 2253 475                   | Extension for reply within third month                                     |          |
| 1254 1,480                 | 2254 740                   | Extension for reply within fourth month                                    |          |
| 1255 2,010                 | 2255 1,005                 | Extension for reply within fifth month                                     |          |
| 1401 330                   | 2401 165                   | Notice of Appeal   |          |
| 1402 330                   | 2402 165                   | Filing a brief in support of an appeal                                     |          |
| 1403 290                   | 2403 145                   | Request for oral hearing   |          |
| 1451 1,510                 | 1451 1,510                 | Petition to institute a public use proceeding                              |          |
| 1452 110                   | 2452 55                    | Petition to revive - unavoidable   |          |
| 1453 1,330                 | 2453 665                   | Petition to revive - unintentional   |          |
| 1501 1,330                 | 2501 665                   | Utility issue fee (or reissue)   |          |
| 1502 480                   | 2502 240                   | Design issue fee   |          |
| 1503 640                   | 2503 320                   | Plant issue fee  |          |
| 1460 130                   | 1460 130                   | Petitions to the Commissioner  |          |
| 1807 50                    | 1807 50                    | Processing fee under 37 CFR 1.17(q)  |          |
| 1806 180                   | 1806 180                   | Submission of Information Disclosure Stmt                                  |          |
| 8021 40                    | 8021 40                    | Recording each patent assignment per property (times number of properties) |          |
| 1809 770                   | 2809 385                   | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810 770                   | 2810 385                   | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801 770                   | 2801 385                   | Request for Continued Examination (RCE)                                    |          |
| 1802 900                   | 1802 900                   | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 120.00

## SUBMITTED BY

Name (Print/Type) Arnold B. Silverman

Registration No. (Attorney/Agent) 22,614

(Complete if applicable)

Telephone 412.566.2077

Signature

Date 08/17/2004

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commisssloner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.